



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

D2855-3

Job Sheet 181103



Part No: D2855-3

Job Qty: 50 ea

Part Name: Cap



Part Weight: 0 lbs

Status: Scheduled

Priority: Medium

Job Created: 7/20/18

Job Tracking No:

Due Date: 8/20/18

Created By: Chantal Lavoie

Type: Stock

Description:

Note: DWG REV C IPP RevA: New issue DD verified by:EC

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Purchasing	50 pcs	8/20/18	8/20/18	0.00	0.00	Purchasing		NOV 08 2018
110	Packaging	50 pcs	8/20/18	8/20/18	0.00	0.00	Packaging2		NOV 08 2018
120	QC	50 pcs	8/20/18	8/20/18	0.00	0.00	QC6		38
125	Mill Conv	50 pcs	8/20/18	8/20/18	0.00	4.17	Mill Conv 1		Free 8-20 18-11-21
130	Small Fab	50 pcs	8/20/18	8/20/18	0.00	3.57	Small Fab-2		Smr DAS 38
143	QC	50 pcs	8/20/18	8/20/18	0.00	0.00	QC5		38
150	Powdercoat	50 pcs	8/20/18	8/20/18	0.00	0.55	Powdercoat1		BEBIS-11-26
160	QC	50 pcs	8/20/18	8/20/18	0.00	0.00	QC3		18-11-27
170	Small Fab	50 pcs	8/20/18	8/20/18	0.00	1.79	Small Fab-2		18-11-27
180	QC	50 pcs	8/20/18	8/20/18	0.00	0.00	QC5		38
190	Packaging	50 pcs	8/20/18	8/20/18	0.00	0.00	Packaging3-1	PP-601	18-11-27
200	QC21-SA	50 Ea	8/20/18	8/20/18	0.00	0.00	QC21		NOV 27 2018

Part Op 100 - Issue P/O:

Descriptions: 110 - Ensure Material Release Note is attached

125 - 1- MILL to length as per dwg use DT10248 JAWS 2- Deburr

130 - 1- Drill as per Dwg D2855 using DT8235

150 - START TIME: 10:10 FINISH TIME: 10:40 TEMP: 320°

170 - Install Inserts as per Dwg D2855

190 - LOCATION : FP001

JUL 23 2018

NOV 27 2018
X50
P10:0410563

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
D2855P	Cap	50 pcs (1 ea)	100-Purchasing	5126402
ALS7-1032-225	Insert	100 Ea (2 ea)	170-Small Fab	5038209

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Purchasing	D2855P	50	0	0
170-Small Fab	ALS7-1032-225	100	1,048	0



Container No: S126403



Part: D2855-3

Job No: 181103

Serial No/Batch: S126403

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

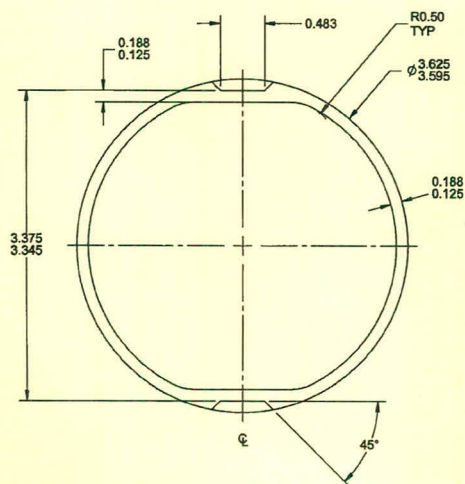
Date: 11/09/10

180

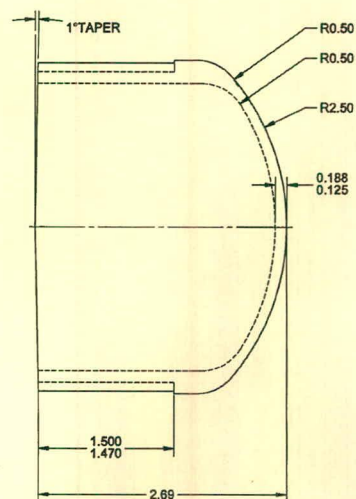
Part Specifications

Specifications could not be found.

Plex 7/20/18 12:08 PM dart.lavoie.chantal



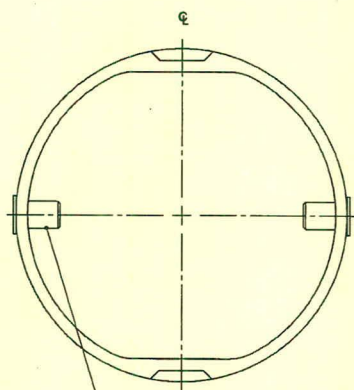
D2855C CASTING DETAIL CAP



- NOTES:
- 1) MATERIAL: CASTING ALUMINUM ALLOY A356.2 (F)
 - 2) FINISH: NONE
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: NONE
 - 7) WEIGHT: 0.62 lbs

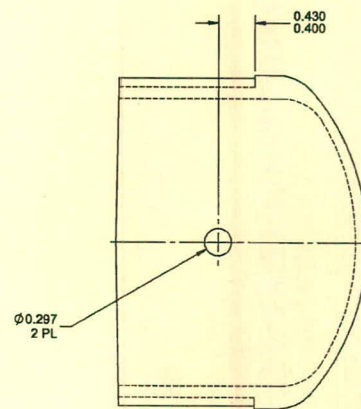
RELEASED
2017-05-08
EN 17-59

C	ADDED D2855-5 (ZN C8-4)	WK	17.03.01
B	DRAWING UPDATED TO CURRENT STANDARDS. ADD D2855-3 & D2855C (ZN B8-1, A8-3)	RF	09.06.30
A	NEW ISSUE (WAS D2875 REV. E)	DS	08.12.12
REV.	DESCRIPTION	BY	DATE
DESIGN	DS	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	WK		
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	JFS	D2855	SHEET 1 OF 4
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	CAP	NTS
DATE	17.03.01	THIS DOCUMENT IS PROVIDED FOR YOUR INFORMATION AND IS NOT TO BE USED FOR ANY PURPOSES OTHER THAN THAT FOR WHICH IT IS PROVIDED. IT IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.	



INSTALL ALS4-1032-225 (OR AKS7-1032-225, OR
ALS7-1032-225, OR AKS4-1032-225) INSERT ON
INSIDE OF CAP (AFTER POWDER COAT)
2 PL

D2855 CAP
(MAKE FROM D2855C CASTING)



NOTES:

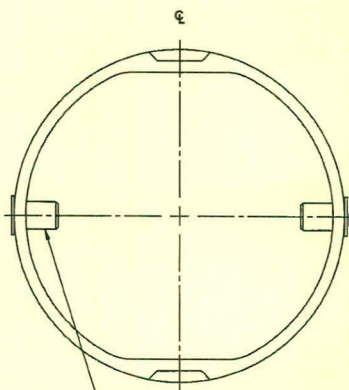
- 1) MATERIAL: MAKE FROM D2855C
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.63 lbs

RELEASED
2017-05-08

APPROVED

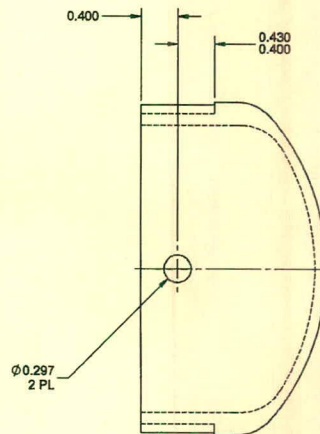
DESIGN	DS	DART AEROSPACE LTD	
DRAWN	WK	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	JFS	D2855	SHEET 2 OF 4
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	CAP	NTS
DATE	17.03.01	COPYRIGHT © 1996 BY DART AEROSPACE LTD	

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INSTALL ALS4-1032-225 (OR AKS7-1032-225, OR
ALS7-1032-225, OR AKS4-1032-225) INSERT ON
INSIDE OF CAP (AFTER POWDER COAT)
2 PL

D2855-3 CAP
(MAKE FROM D2855C CASTING)



NOTES:

- 1) MATERIAL: MAKE FROM D2855C OR D2855
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.50 lbs

RELEASED
2017-05-08

APPROVED

DESIGN	DS	DART AEROSPACE LTD	
DRAWN	WK	HAWKESBURY, ONTARIO, CANADA	
CHECKED	RF	DRAWING NO.	REV. C
MFG. APPR.	JFS	D2855	SHEET 3 OF 4
APPROVED	HS	TITLE	SCALE
DE APPR.	DE	CAP	NTS
DATE	17.03.01	COPYRIGHT © 1998 BY DART AEROSPACE LTD	
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INSTALL ALS4-1032-225 (OR AKS7-1032-225, OR
ALS7-1032-225, OR AKS4-1032-225) INSERT ON
INSIDE OF CAP (AFTER POWDER COAT)
1 PL

D2855-5 CAP
(MAKE FROM D2855C CASTING)

NOTES:

- 1) MATERIAL: MAKE FROM D2855C
- 2) FINISH: POWDER COAT "WHITE" (4.3.5.1) PER DART QSI 005 4.3
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: NONE
- 7) WEIGHT: 0.50 lbs

RELEASED
2017-05-08

APPROVED

DESIGN	DS
DRAWN	WK
CHECKED	RF
MFG. APPR.	JFS
APPROVED	HS
DE APPR.	DS
DATE	17.03.01

DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWING NO. D2855	REV. C
TITLE CAP	SHEET 4 OF 4
	SCALE NTS
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Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **PO040563**

Supplier: MES001-VC
Metallurgie SYCA
500 Principale,
St.Dominique
QC
JOH 1LO Canada
Phone: 450-261-0853
Fax: 450-261-0894

PO No: PO040563
PO Date: 7/23/18
Due Date: 11/5/18
Purchase Order Revision:
Revision Date:
Ship-To Contact: Lavoie, Chantal
Phone: clavoie@dartaero.com

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

Pymt Terms: net 30

Freight Terms:

Special Comments: C OF C IS INCLUDED PRICING OF PARTS.

REVISED

Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
①	181137	D2855P		Cap As per Dwg D2855 Rev. C	Firmed	-	8/20/18	50 pcs	0 pcs	53 pcs	\$15.95093/pcs	\$845.40
Line Item Note W/O 181137												
②		D2855P		Cap As per Dwg D2855 Rev. C	Firmed	-	8/20/18	50 pcs	0 pcs	50 pcs	\$15.95093/pcs	\$797.55
Line Item Note W/O 181137												

Grand Total: \$1,642.95

Order Notes

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Procurement Quality Clauses

- A005 RIGHT OF ENTRY
- A007 FIRST ARTICLE INSPECTION (FAI) BY SELLER, (DOCUMENTATION MAINTAINED BY SUPPLIER)
- A012 CHEMICAL AND PHYSICAL TEST REPORTS
- A016 PERSONNEL QUALIFICATION
- A017 RAW MATERIAL IDENTIFICATION (AS APPLICABLE)
- A026 CERTIFICATION OF MATERIAL CONFORMANCE
- A041 QUALITY MANAGEMENT SYSTEM
- A042 DART NOTIFICATION BY SUPPLIER
- A043 RETENTION OF QUALITY DOCUMENT
- A048 COUNTERFEIT PARTS AVOIDANCE, DETECTION, MITIGATION AND DISPOSITION PROGRAM
- A049 SUPPLIER AWARENESS

CL

Plex 11/8/18 2:42 PM dart.lavoie.chantal



MÉTALLURGIE SYCA Inc.

500, Principale
St-Dominique, Québec
J0H 1L0

Tél: (450) 261-0853

Fax: (450) 261-0894

E-mail: syca@qc.aira.com

WWW.SYCA-INC.COM

OCTOBER 9TH 2018

EXPÉDIER À CETTE ADRESSE:

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKSBURY
K6A 1K7

ON CA

613-632-9577

NUMÉRO DE COMMANDE:

40563

QUANTITÉ:

103

PCES

CODE ET/OU DESCRIPTION:

D-2855

POIDS:

61

LBS

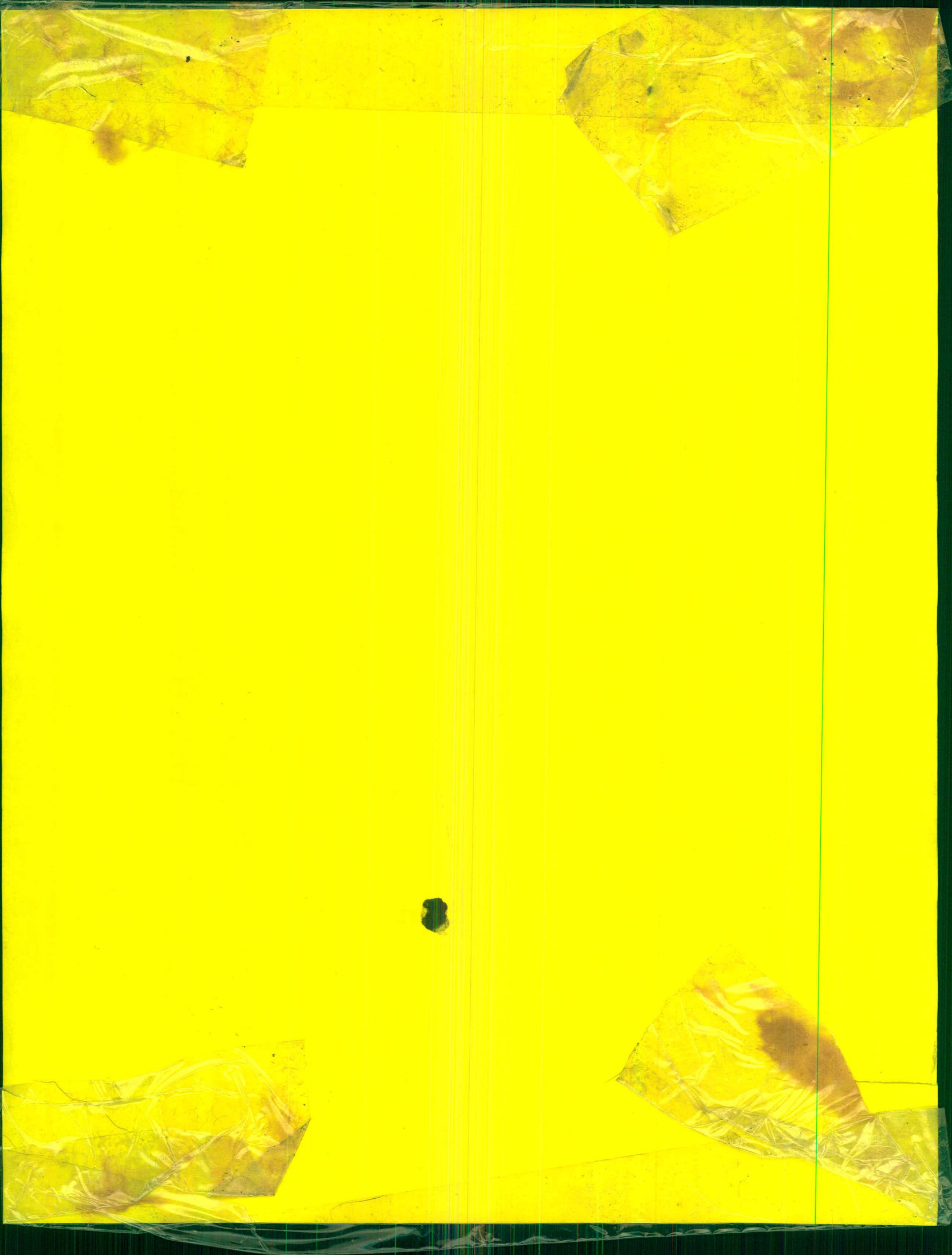
TRANSPORT:

FEDEX COLLECT

#CONFIRMATION

1 / 1

BARIL



NOTRE NUMÉRO OUR NUMBER	857739
DATE	29 Oct 2018
COMMANDE DU CLIENT CUSTOMER'S ORDER	

VENDU À
SOLD TO
ADRESSE
ADDRESS

Dart Aerospace Ltd
1270 Aberdeen Street
Newbury Ont K6A 1K7
613-632-9577

LIVRÉ À
SHIP TO
ADRESSE
ADDRESS

N° D'ENR. DE TAXE
TAX REG. NO.

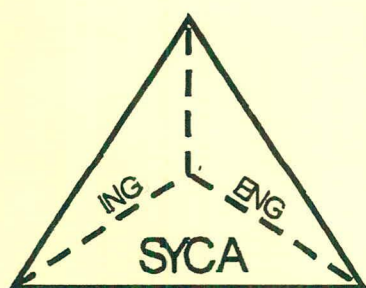
VENDEUR
SALESPERSON

FAB
FOB

CONDITIONS
TERMS

VIA

FACTURE - INVOICE[illegible]



MÉTALLURGIE SYCA Inc.

500, Principale
St-Dominique, Québec
J0H 1L0

Tél: (450) 261-0853

Fax: (450) 261-0894

E-mail: syca@qc.aira.com

WWW.SYCA-INC.COM

CERTIFICATE OF COMPLIANCE

COMPANY: DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKS BURY, ONTARIO
K6A 1K7

DATE: 2018-10-29TH

SHIPPING MEMO: 371882

INVOICE NUMBER: 23483

TRANSPORT: VIA FEDEX COLLECT

NUMBER OF PAGES: 2

DESCRIPTION	QUANTITY	PART CODE	P.O NUMBER
CAP D-2855	103 ✓	D-2855 ✓	40563 ✓

DAS
38
9-89

All item specify in this compliance certificate are manufactured in Canada.

-PRODUCTION LOT: KJJ15102018

-ALLOY: A-356

-NORME: ASTM B-85

-CHEMICAL ANALYSIS: SUPPLY

-VISUAL INSPECTION: DONE

-DIMENSIONAL INSPECTION: NON-APPLICABLE

-SURFACE SMOOTHNESS : ALUMINIUM ASSOCIATION DATA

RESPONSIBLE: CARL JOBIN ING.

SA-101

ROUVILLE STATION INC. 1032, BOUL. RICHELIEU RICHELIEU (QUÉBEC) J3L-0L7 TEL : (450) 658-2183 TEL : (450) 658-2808 FAX : (450) 658-1461										
356SR			Coulée #		120					
ELEMENT:	SI	FE	CU	MG	MN	NI	TI	ZN	CR	SR
ALLIAGE	6.5 - 7.5	.50	.10	.30 - .45	.05	.	.20	.05	.	.
(356.1)							.20	.05		.
A356.0		.20	.20	.25 - .45	.10		.20	.10		.007
ANALYSE MOYENNE:	6.79	.14	.031	.44	.01	.03	.10	.017	.006	.003
CHEF DE LABORATOIRE:										
					Date : 2018-05-23					

Q Langlois

FAXÉ LE
23/08/18

N. 1165

Approuvé S.U.P.

CARL



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4968-1
Job Sheet 184348



Part No: D4968-1

Job Qty: 4 ea

Part Name: Side Cushion



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/5/18

Job Tracking No:

Due Date: 11/2/18

Created By: Shannon Hadley

Type: SOLD

Description:

Note: DWG REV A SHEET 1 IPP REV:A 13.10.31 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Waterjet	4 pcs	11/2/18	11/2/18	0.00	0.48	Waterjet 1		SC 18/12/05
120	QC	4 pcs	11/2/18	11/2/18	0.00	0.00	QC8		DEC 11 2018
130	Packaging	4 pcs	11/2/18	11/2/18	0.00	0.00	Packaging3 ST-400 800		
140	QC21-SA	4 Ea	11/2/18	11/2/18	0.00	0.00	QC21		

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MNEO80S.125	Neoprene Sheet 0.125	24.6800 sf (6.17 ea)	100-Waterjet	J131432

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Waterjet	MNEO80S.125	25	158	0

DART
AEROSPACE

Container No: S134976



Part: D4968-1

Job No: 184348

Serial No/Batch: S134976

Revision:

Inspector:

Exp Date:

Instructions: Various STC's

Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
CANADA
TEL.: 1 613 632-5200
Email: sales@dartaero.com
www.dartaerospace.com

Date: 12/05/18

Part Specifications					
Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Side Cushion	10.100Inches $\pm$ 0.100	10.200 10.000		
2	Side Cushion	12.800Inches $\pm$ 0.100	12.900 12.700		
3	Side Cushion	24.200Inches $\pm$ 0.100	24.300 24.100		
4	Side Cushion	26.900Inches $\pm$ 0.100	27.000 26.800		
5	Side Cushion	31.500Inches $\pm$ 0.100	31.600 31.400		
6	Side Cushion	33.200Inches $\pm$ 0.100	33.300 33.100		
7	Side Cushion	35.300Inches $\pm$ 0.100	35.400 35.200		
8	Side Cushion	38.000Inches $\pm$ 0.100	38.100 37.900		
9	Side Cushion	40.400Inches $\pm$ 0.100	40.500 40.300		
10	Side Cushion	2.300Inches $\pm$ 0.100	2.400 2.200		
11	Side Cushion	2.700Inches $\pm$ 0.100	2.800 2.600		
12	Side Cushion	16.800Inches $\pm$ 0.100	16.900 16.700		
13	Side Cushion	17.500Inches $\pm$ 0.100	17.600 17.400		
14	Side Cushion	19.900Inches $\pm$ 0.100	20.000 19.800		
15	Side Cushion	22.000Inches $\pm$ 0.100	22.100 21.900		
16	Side Cushion	0.125Inches $\pm$ 0.010	0.135 0.115		

Plex 10/5/18 3:14 PM Dart.Hadley.Shannon



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

D4968-1
Job Sheet 184210



Part No: D4968-1

Job Qty: 4 ea

Part Name: Side Cushion



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 10/3/18

Job Tracking No:

Due Date: 11/2/18

Created By: Marie Lajeunesse

Type: SOLD

Description:

Note: DWG REV A SHEET 1 IPP REV:A 13.10.31 NEW ISSUE DD VERF:JLM

Ship Via:

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup hrs	Run Hrs	Workcenter / Supplier	Lead Time	
90	Start up Operation	4 Ea		11/2/18	0.00	0.00	Start Up Waterjet		
100	Waterjet	4 pcs		11/2/18	0.00	0.48	Waterjet 1		
120	QC	4 pcs		11/2/18	0.00	0.00	QC8		
130	Packaging	4 pcs		11/2/18	0.00	0.00	Packaging3		
140	QC21-SA	4 Ea		11/2/18	0.00	0.00	QC21		

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
MNEO80S.125	Neoprene Sheet 0.125	24.6800 sf (6.17 ea)	100-Waterjet	

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Waterjet	MNEO80S.125	25	158	0

Part Specifications

Spec No	Description	Target/Tolerance	Limits	Type	Special Comments
1	Side Cushion	10.100Inches $\pm$ 0.100	10.200 10.000		
2	Side Cushion	12.800Inches $\pm$ 0.100	12.900 12.700		
3	Side Cushion	24.200Inches $\pm$ 0.100	24.300 24.100		
4	Side Cushion	26.900Inches $\pm$ 0.100	27.000 26.800		
5	Side Cushion	31.500Inches $\pm$ 0.100	31.600 31.400		
6	Side Cushion	33.200Inches $\pm$ 0.100	33.300 33.100		
7	Side Cushion	35.300Inches $\pm$ 0.100	35.400 35.200		
8	Side Cushion	38.000Inches $\pm$ 0.100	38.100 37.900		

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____		DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐ Suspected Unapproved ☐		AGAINST DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Thermoforming ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Composite ☐ Water Jet ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Supplier ☐ Engineering ☐ Quality ☐ Other ☐					
Date :		Step #:		QTY Effective :			MRB (QSI042) Approval		
Description Work Order Deviation				Disposition				Completed By	
								Lead hand / Supervisor Approval Verification	
								QC / QA Coordinator Approval	
Root Cause		FAULT CATEGORY							
Environment ☐	No Re-verification ☐	Pressure/Forced ☐	Temperature/Cure ☐	Power Loss/Surge ☐	Positioned Wrong ☐				
Design ☐	Operator ☐	Bending ☐	Set-up ☐	Folio/Program ☐	Outside Dimensions ☐				
Doc/Data ☐	Offset/Setup ☐	Centre Not Concentric ☐	BOM/Route ☐	Grain ☐	Over/Under tolerance ☐				
Equip/Tooling ☐	Supplier ☐	Cracks ☐	Broken/Damage/Defect ☐	Weld ☐	Part Incorrect ☐				
Handling/Pre ☐	Training ☐	Crimp/Kink/Ripple/Wave ☐	Inspection Incomplete/Unqualified ☐	Wrong Stock Pulled ☐	Part Lost/Missing ☐				
Material ☐	Use for Testing ☐	Cuffs ☐	Contamination ☐	Out of Sequence ☐	Part Moved ☐				
Internal Transport ☐	Poor Information ☐	Crushing ☐	Countersink ☐	Off-set ☐	Drawing ☐				
Tribal Knowledge ☐	Rushing ☐	Heat Treat ☐	Cut Too Short ☐	Mislabeled ☐	Finish ☐				
LOA ☐	Product Improvement ☐	Wave/Twist in Tube ☐	Instructions Incomplete/Unclear ☐	Fit/Function ☐	Misread ☐				
Substation ☐	Process Improvement ☐	Marks/Chatter ☐	Drill Holes ☐	Misaligned/off center ☐	Turning Sequence ☐				
Past Expiry Date ☐	Manufacturing Process ☐	OTHER : _____							
Misidentified ☐	Past Due ☐								

9	Side Cushion	40.400Inches $\pm$ 0.100	40.500 40.300
10	Side Cushion	2.300Inches $\pm$ 0.100	2.400 2.200
11	Side Cushion	2.700Inches $\pm$ 0.100	2.800 2.600
12	Side Cushion	16.800Inches $\pm$ 0.100	16.900 16.700
13	Side Cushion	17.500Inches $\pm$ 0.100	17.600 17.400
14	Side Cushion	19.900Inches $\pm$ 0.100	20.000 19.800
15	Side Cushion	22.000Inches $\pm$ 0.100	22.100 21.900
16	Side Cushion	0.125Inches $\pm$ 0.010	0.135 0.115

Plex 10/3/18 2:03 PM Dart.lajeunesse.marie

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION		AGAINST DEPARTMENT/PROCESS							
	Rework	☐	Skid-tube	☐	Cross tube	☐	Water Jet	☐	Engineering	☐
	Scrap	☐	Machining	☐	Small Fab	☐	Prod. Eng. Coord.	☐	Quality	☐
	Use-as-is	☐	Thermoforming	☐	Finishing	☐	Rec/Store/Packaging	☐	Other	☐
	Suspected Unapproved	☐	Large Fab	☐	Composite	☐	Supplier	☐		

Date :	Step #:	QTY Effective :	MRB (QSI042) Approval
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Description Work Order Deviation	Disposition	Completed By
		Lead hand / Supervisor Approval Verification
		QC / QA Coordinator Approval

Root Cause			FAULT CATEGORY								
Environment	☐	No Re-verification	☐	Pressure/Forced	☐	Temperature/Cure	☐	Power Loss/Surge	☐	Positioned Wrong	☐
Design	☐	Operator	☐	Bending	☐	Set-up	☐	Folio/Program	☐	Outside Dimensions	☐
Doc/Data	☐	Offset/Setup	☐	Centre Not Concentric	☐	BOM/Route	☐	Grain	☐	Over/Under tolerance	☐
Equip/Tooling	☐	Supplier	☐	Cracks	☐	Broken/Damage/Defect	☐	Weld	☐	Part Incorrect	☐
Handling/Pre	☐	Training	☐	Crimp/Kink/Ripple/Wave	☐	Inspection Incomplete/Unqualified	☐	Wrong Stock Pulled	☐	Part Lost/Missing	☐
Material	☐	Use for Testing	☐	Cuffs	☐	Contamination	☐	Out of Sequence	☐	Part Moved	☐
Internal Transport	☐	Poor Information	☐	Crushing	☐	Countersink	☐	Off-set	☐	Drawing	☐
Tribal Knowledge	☐	Rushing	☐	Heat Treat	☐	Cut Too Short	☐	Mislabeled	☐	Finish	☐
LOA	☐	Product Improvement	☐	Wave/Twist in Tube	☐	Instructions Incomplete/Unclear	☐	Fit/Function	☐	Misread	☐
Substation	☐	Process Improvement	☐	Marks/Chatter	☐	Drill Holes	☐	Misaligned/off center	☐	Turning Sequence	☐
Past Expiry Date	☐	Manufacturing Process	☐	OTHER :							
Misidentified	☐	Past Due	☐								

